

- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a

communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

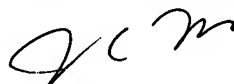
8. ☐ Applicant(s) request that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

CHANGE OF ADDRESS

The Patent Office is respectfully requested to direct all future correspondence for this case to the below-referenced address.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5181-09612/JCH.

Respectfully submitted,



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Date: November 18, 2003

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DOCKET NO: 5181-09612		SERIAL NO: Unknown			
		APPLICANT: Michael F. Deering					
		FILING DATE: Herewith		GROUP: Unknown			
U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,638,176	6-10-97	Hobbs, et al.			
	A2	5,446,834	8-29-95	Deering			
	A3	5,793,371	8-11-98	Deering			
	A4	5,117,289	5/26/92	Farley et al.			
	A5	5,619,438	4/8/97	Farley et al.			
	A6	5,757,375	5/26/98	Kawase			
	A7	5,594,854	1/1997	Baldwin et al.			
FOREIGN PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION. YES/NO
	A8	91/14995	10-3-91	WO			
	A9	0 463 700	1/1992	EP			
	A10	0 506 429	9/1992	EP			
	A11	0 278 524	11/1994	GB			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	A12	Bjernfalk, "The Memory System Makes The Difference," © 1999 Evans & Sutherland Computer Corporation, pp. 1-11.					
	A13	Patent Abstract of Japan, vol. 098, no. 007, March 31, 1998 and JP 08 063608 A.					
	A14	"Simulating Peripheral Vision in Immersive Virtual Environments," M. Slater, et al., November 1993, No. 6, Headington hill Hall, Oxford, GB, pp. 80-82, 91-94, and 105.					
	A15	The RenderMan Companion, "A Programmer's Guide to Realistic Computer Graphics," Steve Upstill, 1990, pp. 137-146, 171-178, 193-237, and 273-309.					
EXAMINER:				DATE CONSIDERED:			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.							

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO: 5181-09608		SERIAL NO: Unknown	
	APPLICANT: Michael F. Deering			
	FILING DATE: Herewith		GROUP: Unknown	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)				
	A15	"Principles of Digital Image Synthesis," Andrew S. Glassner, Vol. 1, Morgan Kaufman Publisher's, Inc., San Francisco, CA., 1995, pp. 243-244, 359-365.		
	A16	"CIG Scene Realism: The World Tomorrow," Cosman, et al., Evans & Sutherland Computer Corporation, Salt Lake City, UT, January 29, 1999, 18 pages.		
	A17	Computer Graphics, "Principles and Practice," Second Edition In C, Foley, et al., Addison-Wesley Publishing Co., 1996, pp. 620, 643-645, 788-791.		
	A18	"Spatial Vision," De Valois, et al., Oxford Psychology Series No. 14, 1990, pp38-60.		
	A19	International Search Report, January 6, 1999, PCT/US 99/03270.		
EXAMINER:		DATE CONSIDERED:		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.				

Information Disclosure Statement--PTO 1449 (modified)

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